

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FR-083-1(15)	1981	2	24

1. The entire roadway surface area within the Project Limits shall be resurfaced with 1½" thickness of "Asphalt Concrete Pavement, Mix No. I" and with an overlay of ¾" thickness of "Open Graded Plant Mix Seal," unless otherwise directed by the Engineer.
2. All Holes, Cracks, and Wheel Ruts shall be filled and compacted with Asphalt Concrete Mix No. I prior to resurfacing. This work will be paid for under Item No. 401.0500 Asphalt Concrete Pavement, Mix No. I.
3. The Contractor shall remove the existing Asphalt Concrete Pavement over the Kamooalii Bridge (Constructed in 1933), Southbound Lanes, prior to resurfacing, no sooner than one week before resurfacing. Existing Asphalt Concrete Pavement at the Bridge Approaches shall be removed to meet the requirements of Note No. 4. The removal of the existing Asphalt Concrete Pavement from the Bridge and the Approaches shall be considered incidental to Item No. 401.0500, Asphalt Concrete Pavement, Mix No. I and shall not be paid for separately.
4. Where variation of thickness occurs on the main thoroughfare, a transition shall be effected at a rate of 16 feet per inch of height difference. The transition shall be from the thicker to the thinner pavement.
5. Smooth riding transition as directed by the Engineer shall be provided at the Beginning and End of the Project and all Paved Roadway Connections.
6. The exact limits of the reconstruction areas and the Filter Fabric French Drains will be determined in the field by the Engineer.
7. Asphalt Concrete removed by scarifying and excavating weakened pavement areas shall be used for "Recycled Plant Mix Asphalt Concrete Base Course" or otherwise it shall be the Contractor's property.
8. The Contractor shall remove and dispose all existing Raised Pavement Markers in the resurfacing areas prior to laying of Asphalt Concrete Overlay. This work shall be considered incidental to the various contract items and shall not be paid for separately.
9. Existing Center Line Monuments shall be preserved as shown on Sheet No.
10. Epoxy used for preservation of Center Line Monuments shall be of the type approved by the Engineer.
11. Frame and Cover of existing C & C Street Survey Monuments shall be raised to new grade. This work shall be considered incidental to the various contract items and shall not be paid for separately.
12. The Contractor shall adjust all existing Manholes Frames and Covers. The Contractor shall notify all applicable Utility Agencies or Companies 24 hours prior to the beginning of the paving operation.
13. The Contractor shall notify the Board of Water Supply, Windward District Office (Heeia Yard) at 247-3440 one week prior to any repaving operations.
14. The 6" nonperforated underdrain pipe to connect the Filter Fabric French Drain to the existing Catch Basin at Sta. 143 + 78± shall be of the type approved by the Engineer.
15. The Contractor shall notify the Mass Transit Line, Inc. Customer and Public Relations Office at 537-9224 one week prior to any repaving operations.
16. Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, dated 1976, as amended, of the Hawaii Highways Division, Department of Transportation.
17. Any adjustments to the existing water system required during construction to meet requirements of B.W.S. Standards, whether shown on the plans or not, shall be done by the Contractor.
18. The depth of Reconstruction of Weakened Pavement areas are as follows:
- a. Reconstruction by replacing the existing asphalt concrete with Plant Mix (or recycled plant mix) Asphalt Concrete Base Course shall be as indicated on the plans. The approximate thickness are as follows:
1. South-Bound Lanes from Kahiko Street to Sta. 134 + 00 is 4½" thickness.
2. North-Bound Lanes from Kahiko Street to Sta. 134 + 00 is 5" thickness.
3. South-Bound Lanes and North-Bound Lanes from Sta. 134 + 00 to Pali Highway are 3½" thickness.
- b. Reconstruction by replacing the existing Asphalt Concrete and Base Course with Plant Mix (or recycled plant mix) Asphalt Concrete Base Course shall be as indicated on the plans. The approximate thickness are as follows:
1. South-Bound Lanes from Kahiko Street to Sta. 134 + 00 is 9½" thickness.
2. South-Bound Lanes and North-Bound Lanes from Sta. 134 + 00 to Pali Highway are 11½" thickness.

19. If the Contractor is not able to pave the full travelway or total width of roadway at end of a work day, the longitudinal pavement drop between lane passes of the paver shall be paved with a 4:1 slope transition. Prior to resume paving the 4:1 slope transition shall be removed. This work shall be considered incidental to Item No. 401.0500 Asphalt Concrete Pavement, Mix No. I or Item No. 403.0100 Open-Graded Plant Mix Seal and shall not be paid for separately.
20. The project consists of resurfacing with asphalt concrete and open-graded plant mix seal, reconstructing weakened pavement areas with plant mix (or recycled plant mix) asphalt concrete base course, adjusting existing manhole frames and covers, constructing filter fabric french drains, installing vehicle loop detector, installing pavement markers, pavement stripings and markings, and guardrail improvements.

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
NOTED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

KAMEHAMEHA HIGHWAY RESURFACING
Kahiko Street to Pali Highway
F.A. PROJECT NO. FR-083-1(15)

SHEET NO. 1 OF 1 SHEETS